



Avon Grove Charter School
Mathematical Skills
Grade Level: First

AGCS uses Math in Focus as its primary elementary mathematics program. The purpose of this document is to provide an overview of the major concepts/skills at this grade level. Parents are the target audience of this resource, however students may also find it helpful as a skills checklist.

NUMBERS AND OPERATIONS

A student will be able to...

- Extend the counting sequence to read and write numerals to represent objects.
- Use place value concepts to represent amounts of tens and ones and to compare two digit numbers.
- Use place value concepts and properties of operations to add and subtract within 100.

This content will appear in Math in Focus chapters 1, 2, 3, 4, 6, 13, and 17.

ALGEBRAIC CONCEPTS

A student will be able to...

- Represent and solve problems involving addition and subtraction within 20.
- Understand and apply properties of operations and the relationship between addition and subtraction.

This content will appear in Math in Focus chapters 7 and 14.

GEOMETRY

A student will be able to...

- Compose and distinguish between two- and three-dimensional shapes based on their attributes.
- Use the understanding of fractions to partition shapes into halves and quarters

This content will appear in Math in Focus chapter 5.

MEASUREMENT, DATA, AND PROBABILITY

A student will be able to...

- Order lengths and measure them both indirectly and by repeating length units.
- Tell and write time to the nearest half hour using both analog and digital clocks.
- Represent and interpret data using tables/charts.

This content will appear in Math in Focus chapters 11 and 15.